

## INTERNATIONAL SEARCH REPORT

TB2004/050896

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L23/495 H01L21/48

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 005 287 A (KAIYA YUITI ET AL) 21 December 1999 (1999-12-21)	1-4, 7, 10, 11, 13, 16
Y	column 2, line 47 - column 3, line 31; figures 5, 6	9, 12
X	US 4 252 864 A (COLDREN DANIEL R) 24 February 1981 (1981-02-24)	1-4, 7, 10, 11, 13, 15, 16
Y	column 3, line 6 - column 4, line 61	9, 12
X	EP 0 794 571 A (ITT MFG ENTERPRISES INC) 10 September 1997 (1997-09-10) column 9, line 4 - column 15, line 6; figure 6	1-7, 10, 11, 13, 16
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\* & \* document member of the same patent family

Date of the actual completion of the international search

18 October 2004

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26/10/2004

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PCT/IB2004/050896

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 736 367 A (HEINLEN F ET AL) 29 May 1973 (1973-05-29)  column 2, line 26 - column 5, line 13; figure 1	1-7, 9-13,15, 16
A	US 5 225 897 A (REIFEL HARRY C ET AL) 6 July 1993 (1993-07-06) figure 4	1,3,10
A	US 2001/054640 A1 (TAKAHASHI YOSHIHARU) 27 December 2001 (2001-12-27) paragraph '0052!; figure 5	

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US 6005287	A	21-12-1999	CN 1156904 A ,B JP 2834084 B2 JP 9205168 A KR 258050 B1	13-08-1997 09-12-1998 05-08-1997 01-06-2000
US 4252864	A	24-02-1981	NONE	
EP 0794571	A	10-09-1997	FR 2745954 A1 DE 59704498 D1 EP 0794571 A1 JP 10004166 A SG 64417 A1	12-09-1997 11-10-2001 10-09-1997 06-01-1998 27-04-1999
US 3736367	A	29-05-1973	NONE	
US 5225897	A	06-07-1993	NONE	
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